

INDUCTOR ASSEMBLY

Abstract of Disclosure

The present invention is directed to a bobbin for an inductor assembly that is preferably molded of a plastic material incorporating a flange to maintain a uniform and constant gap or separation between a pair of ferrite E-cores. Preferably, the bobbin includes a number of hollow bosses designed to receive self-tapping screws so as to directly mount the bobbin to a mounting plate. Additionally, a pair of tempered brass spring clips is used to secure the cores to the bobbin. To reduce breakage of the bobbin, each clip engages the bobbin perpendicular to the width of the ferrite core.

Figures